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3.7 Population Distribution

The population of Mill Hall and Lock Haven is 11,000, according to 1970 estimates.

3.8 Critical Environments

No known critical habitats of endangered species are present in the area.

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3.4 Groundwaters

According to the U.S.D.A. Soil Survey for Clinton County, groundwater is fairly shallow. The water table ranges from 0 to 3 feet below the surface and varies, depending on whether the weather is wet or dry. Flow is most likely east to northeast toward Bald Eagle Creek. Recharge and discharge of groundwater are dependent on the river stages.

A number of industrial production wells are located throughout the Lock Haven area; however, most have been capped. According to the city engineer, there are 2 wells still in use in the city limits: one is located at the high school football field and is used to water the field; the second is located at American Color and Chemical, but is not usually used since the well is often dry and the water is hard. These wells are located 1.5 miles southwest and 1 mile northeast of the site, respectively.

3.5 Climate and Meteorology

Prevailing winds from the west create a continental climate that is modified locally by the high ridges. Average temperatures range from lows of 25°F to 30°F in January, to highs of 70°F to 75°F in July. Precipitation averages 42 inches per year, varying from 37 to 47 inches. Evapotranspiration is in the range of 26 to 30 inches per year.

3.6 Land Use

Land use in the area would be defined as commercial and residential. Development has been restricted to the narrow river valleys because of the steep ridges which are predominant in the area. The Route 220 bypass is located 200 yards south of the site.

ORIGINAL
(Red)

3.0 ENVIRONMENTAL SETTING

3.1 Water Supply

The water supply for the Lock Haven, Mill Hall area is furnished by the Suburban Water Company of Lock Haven. Suburban Water Company utilizes surface water from reservoirs situated on mountain ridges in the local area. The area is served by 3 reservoirs: the Upper and Lower Castanea Reservoirs, which are fed by Harvey's Runs, and the McElhattan Reservoir, which is fed by McElhattan Run. All water supplies are located upgradient of the site.

3.2 Surface Water

Bald Eagle Creek, which flows from north to south, forms the eastern border of Janet property. The creek is a tributary to the west branch of the Susquehanna River, which is about 1/4 mile east of the site. The Janet Tire property lies within an area that is occasionally flooded. Due to the low-lying nature of the site, there are some spots that have ponded water.

3.3 Geology and Soils

According to the United States Geologic Survey (U.S.G.S.), bedrock under the site is predominantly limestone and shale of the Cayuga Group. These rocks are frequently fractured and have solution channels running through them. Well logs from the area indicate that bedrock is reached at 30 to 90 feet below the surface. Rock permeability can be highly variable, depending on where rock fracture zones and solution channels exist. The site is at the foot of Bald Eagle Ridge.

The United States Department of Agriculture (U.S.D.A.) Soil Survey for Clinton County classifies this land as the Melvin soil series. This soil is typically silt clay to sandy loam, found on flood plains that drain areas underlain by limestone. It is formed in alluvium washed mainly from limestone uplands, but also from sandstone and shale. Permeability is .63 to 2.0 inches per hour, and the depth of soil is anywhere from 3 to 15 feet thick.

ORIGINAL
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SECTION 3

2.5 Permit and Regulatory Action History

No permit or regulatory action has been taken to date.

2.6 Remedial Action To Date

No remedial action has been taken to date.

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The access road enters from Drakestown Road, which is the western property line, and extends approximately 100 yards into the center of the property where the substation is located. The eastern property line is formed by Bald Eagle Creek, which flows from north to south.

In general, the property is a level, low-lying flood plain. Small trees and brush grow in abundance in the undeveloped areas.

2.3 Ownership History

The property was purchased by the Janets in 1952 from Fiber McGee, a local land owner. Ownership of the property was passed to Ruby Janet when Mr. Janet died. The property is currently owned by Ruby Janet; however, her son, Robert Janet, operates the store and acts as representative for Mrs. Janet.

2.4 Site Use History

Filling at the property began in the late 1950s; this practice continues in the present, although less frequently. Fill was needed as a foundation for construction and to make the property level with Hogan Boulevard. Construction of the buildings took place from the early to mid-1960s. During the mid-1970s, PP & L and the Lock Haven municipality approached Robert Janet with proposals for their respective facilities. Permission to build was granted, and construction began shortly thereafter.

Mr. Janet stated that fill consisted of junked appliances, tires, household refuse, and demolition debris with a cover layer of soil and rock. He went on to state that in the last 5 years he would only accept fill that would not burn.

The Pennsylvania Department of Environmental Resources (PA DER) records indicate that glass culet may have been disposed of at the Janet Tire site 25 years ago.

2.0 THE SITE

2.1 Location

The Janet Tire site is situated in the southern portion of Clinton County in Mill Hall, Pennsylvania. The Janet Tire store, which is a tire and appliance store, is located at 136 Hogan Boulevard.

2.2 Site Layout

Janet Tire property is situated on 4 acres of low-lying wetland; 1 acre of the property has been selectively filled. The property faces Hogan Boulevard. Two buildings, which house commercial establishments, have been constructed on the filled portion of the property. One of these buildings houses Janet Tire.

At one time, all 4 acres lay 6 feet below Hogan Boulevard. In order to utilize the property for construction, the front portion of the property (northern) was selectively filled. The extent of fill runs along Hogan Boulevard, 50 to 74 yards back from the road.

Immediately beyond the fill, a sewer line cut was made by the Lock Haven municipality. A pump house for the sewer line is located on the eastern portion of the property. It was noted as a clear cut area (no trees), approximately 20 yards wide, which runs parallel to Hogan Boulevard. This area tends to be marshy; this was true of the entire property before filling began.

Beyond the sewer line there is a Pennsylvania Power and Light (PP & L) substation and access road. The substation and access road were constructed on 15 feet of gravel and cinder fill. The PP & L substation and the access road to the substation comprise approximately 1 acre of land.

ORIGINAL
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SECTION 2

1.0 INTRODUCTION

1.1 Authorization

NUS Corporation performed this work under Environmental Protection Agency Contract No. 68-01-6699. This specific report was prepared in accordance with Technical Directive Document No. F3-8405-02 for the Janet Tire site located in Mill Hall, Clinton County, Pennsylvania.

1.2 Scope of Work

NUS FIT III was tasked to conduct a site inspection and sampling of the Janet Tire property in Mill Hall, Clinton County, Pennsylvania.

1.3 Summary

Janet Tire is a commercial property that was at one time an undeveloped, low-lying wetland. In order to facilitate construction at the site, approximately 6 feet of fill was required to make the property level with Hogan Boulevard. Fill material consisted of tires, junked appliances, demolition debris, and household waste. This material was then covered with 2 to 3 feet of soil and rock. During the investigation, FIT III found no evidence indicating that hazardous wastes were disposed of at the site. Sample analysis confirms this finding.

ORIGINAL
(Red)

SECTION 1

APPENDICES

| | | |
|---|---|-----|
| A | 1.0 COPY OF TDD | A-1 |
| B | 1.0 MAPS AND SKETCHES 1.1 SITE LOCATION MAP 1.2 SITE SKETCH 1.3 PHOTO AND SAMPLE LOCATIONS MAP 1.4 ARIEL PHOTOGRAPH | B-1 |
| C | 1.0 QUALITY ASSURANCE SUPPORT DOCUMENTATION | C-1 |

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TABLE OF CONTENTS

| <u>SECTION</u> | | <u>PAGE</u> |
|----------------|--------------------------------------|-------------|
| 1.0 | INTRODUCTION | 1-1 |
| 1.1 | AUTHORIZATION | 1-1 |
| 1.2 | SCOPE OF WORK | 1-1 |
| 1.3 | SUMMARY | 1-1 |
| 2.0 | THE SITE | 2-1 |
| 2.1 | LOCATION | 2-1 |
| 2.2 | SITE LAYOUT | 2-1 |
| 2.3 | OWNERSHIP HISTORY | 2-2 |
| 2.4 | SITE USE HISTORY | 2-2 |
| 2.5 | PERMIT AND REGULATORY ACTION HISTORY | 2-3 |
| 2.6 | REMEDIAL ACTION TO DATE | 2-3 |
| 3.0 | ENVIRONMENTAL SETTING | 3-1 |
| 3.1 | WATER SUPPLY | 3-1 |
| 3.2 | SURFACE WATERS | 3-1 |
| 3.3 | GEOLOGY AND SOILS | 3-1 |
| 3.4 | GROUNDWATERS | 3-2 |
| 3.5 | CLIMATE AND METEOROLOGY | 3-2 |
| 3.6 | LAND USE | 3-2 |
| 3.7 | POPULATION DISTRIBUTION | 3-3 |
| 3.8 | CRITICAL ENVIRONMENTS | 3-3 |
| 4.0 | WASTE TYPES AND QUANTITIES | 4-1 |
| 5.0 | FIELD TRIP REPORT | 5-1 |
| 5.1 | SUMMARY | 5-1 |
| 5.2 | PERSONS CONTACTED | 5-1 |
| 5.2.1 | PRIOR TO FIELD TRIP | 5-1 |
| 5.2.2 | AT THE SITE | 5-1 |
| 5.3 | SAMPLE LOG | 5-2 |
| 5.4 | SITE OBSERVATIONS | 5-3 |
| 5.5 | PHOTOGRAPH LOG | |
| 5.6 | EPA SITE INSPECTION FORM | |
| 6.0 | LABORATORY DATA | 6-1 |
| 6.1 | SAMPLE DATA SUMMARY | 6-1 |
| 6.2 | QUALITY ASSURANCE REVIEW | 6-2 |
| 6.2.1 | ORGANIC | 6-2 |
| 6.2.2 | INORGANIC | 6-4 |
| 7.0 | TOXICOLOGICAL EVALUATION | 7-1 |

ORIGINAL
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R-585-7-4-1
SITE INSPECTION OF
JANET TIRE
PREPARED UNDER
TDD NO. F3-8405-02
EPA NO. PA-1007
CONTRACT NO. 68-01-6699

FOR THE
HAZARDOUS SITE CONTROL DIVISION
U.S. ENVIRONMENTAL PROTECTION AGENCY

AUGUST 15, 1985

NUS CORPORATION
SUPERFUND DIVISION

SUBMITTED BY

REVIEWED AND APPROVED BY

ARTHUR WEBER
ENGINEERING TECHNICIAN

GARTH GLENN
MANAGER, FIT III

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